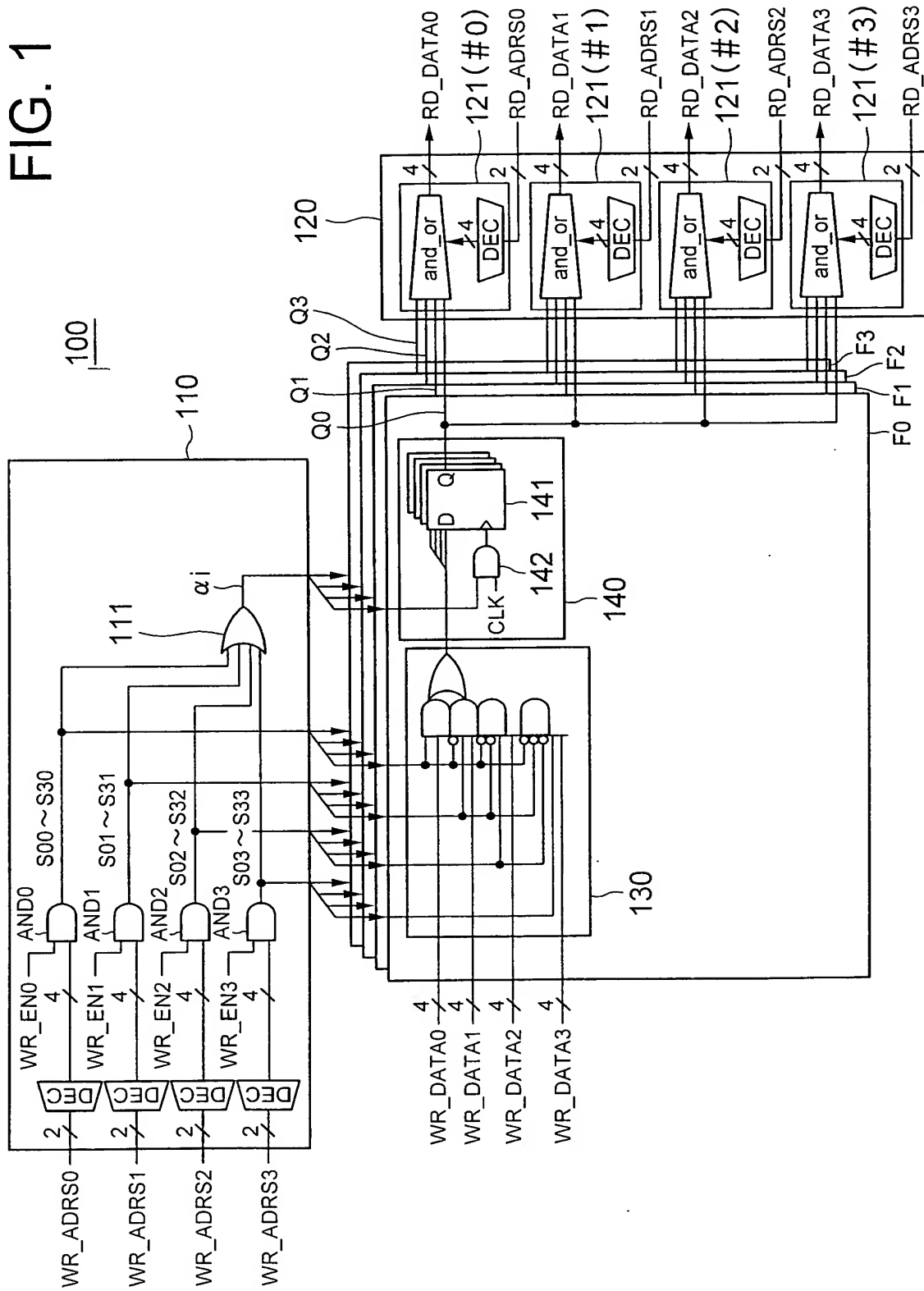




FIG. 1





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METHOD FOR DESIGNING A  
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Inventor(s): Akira MOCHIZUKI  
Appl. No.: 10/658,202

FIG. 2

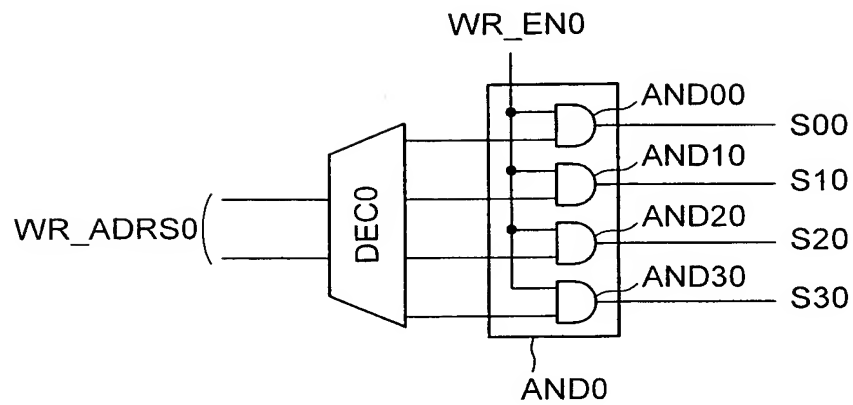
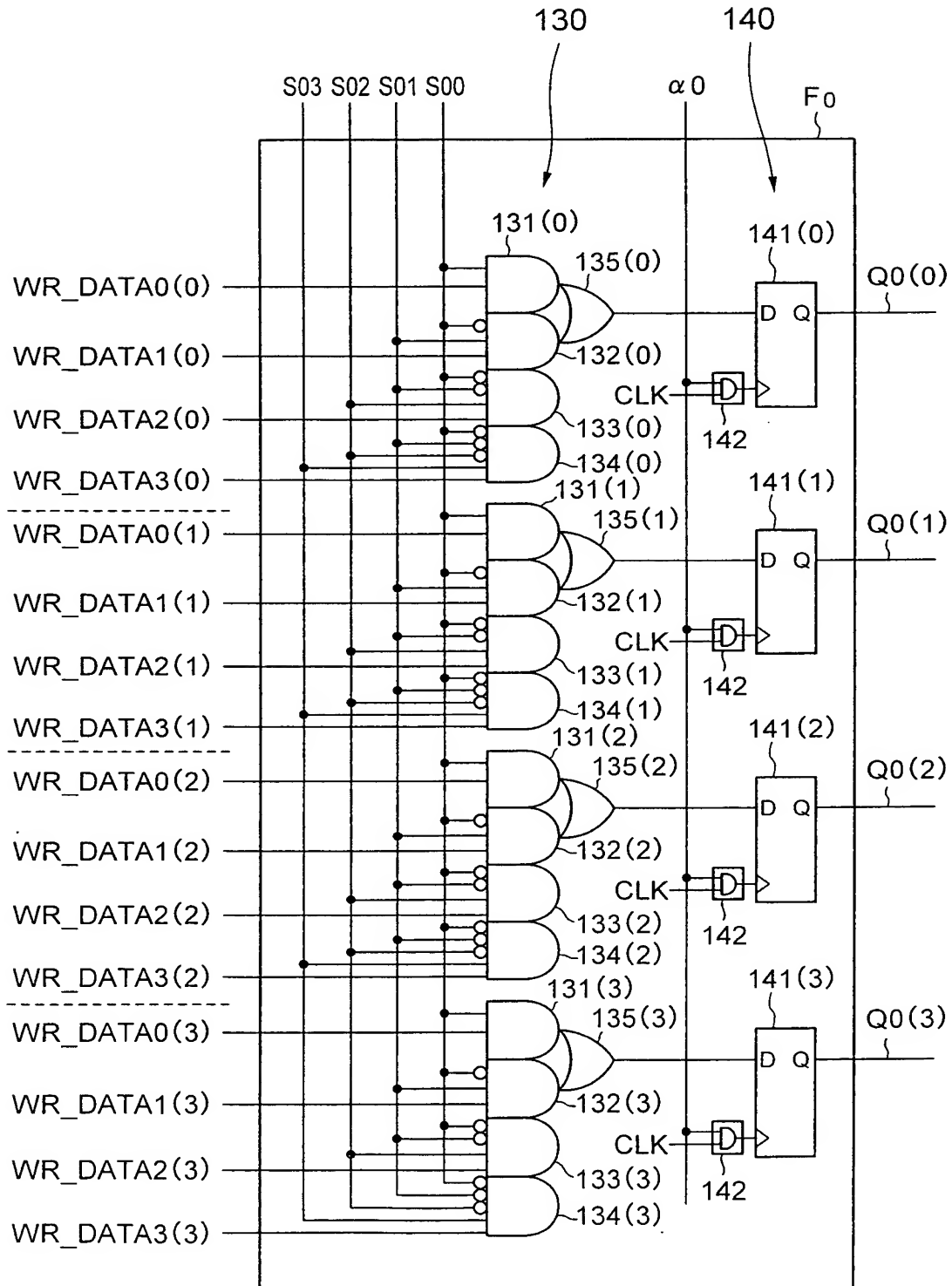




FIG. 3





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FIG. 4A

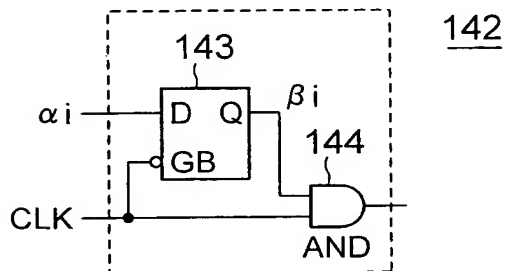


FIG. 4B

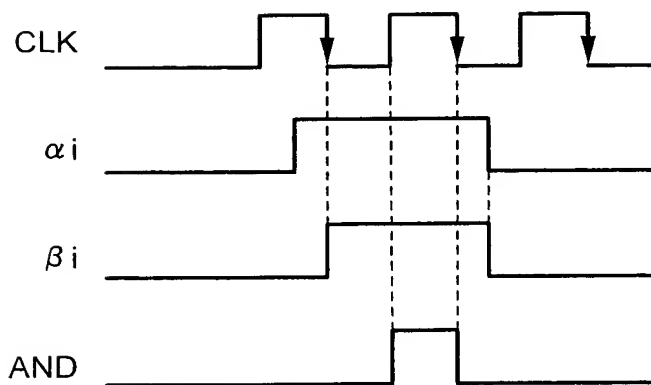




FIG. 5

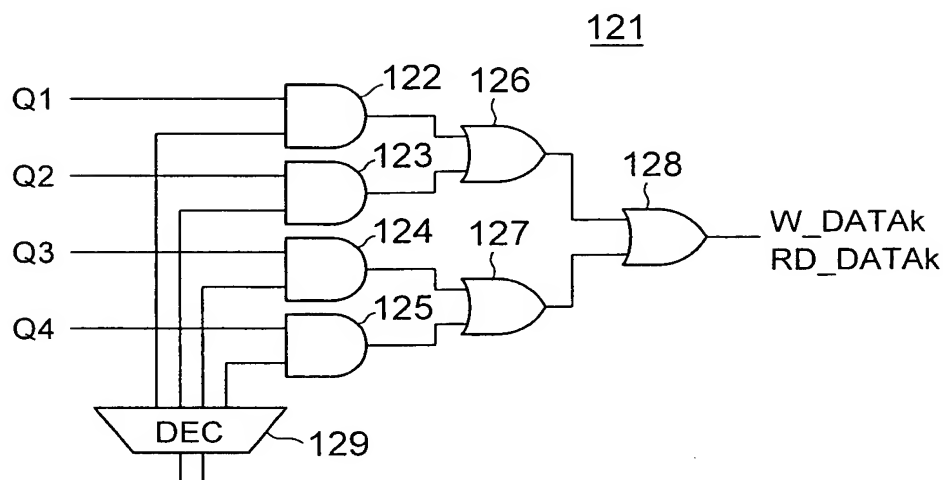
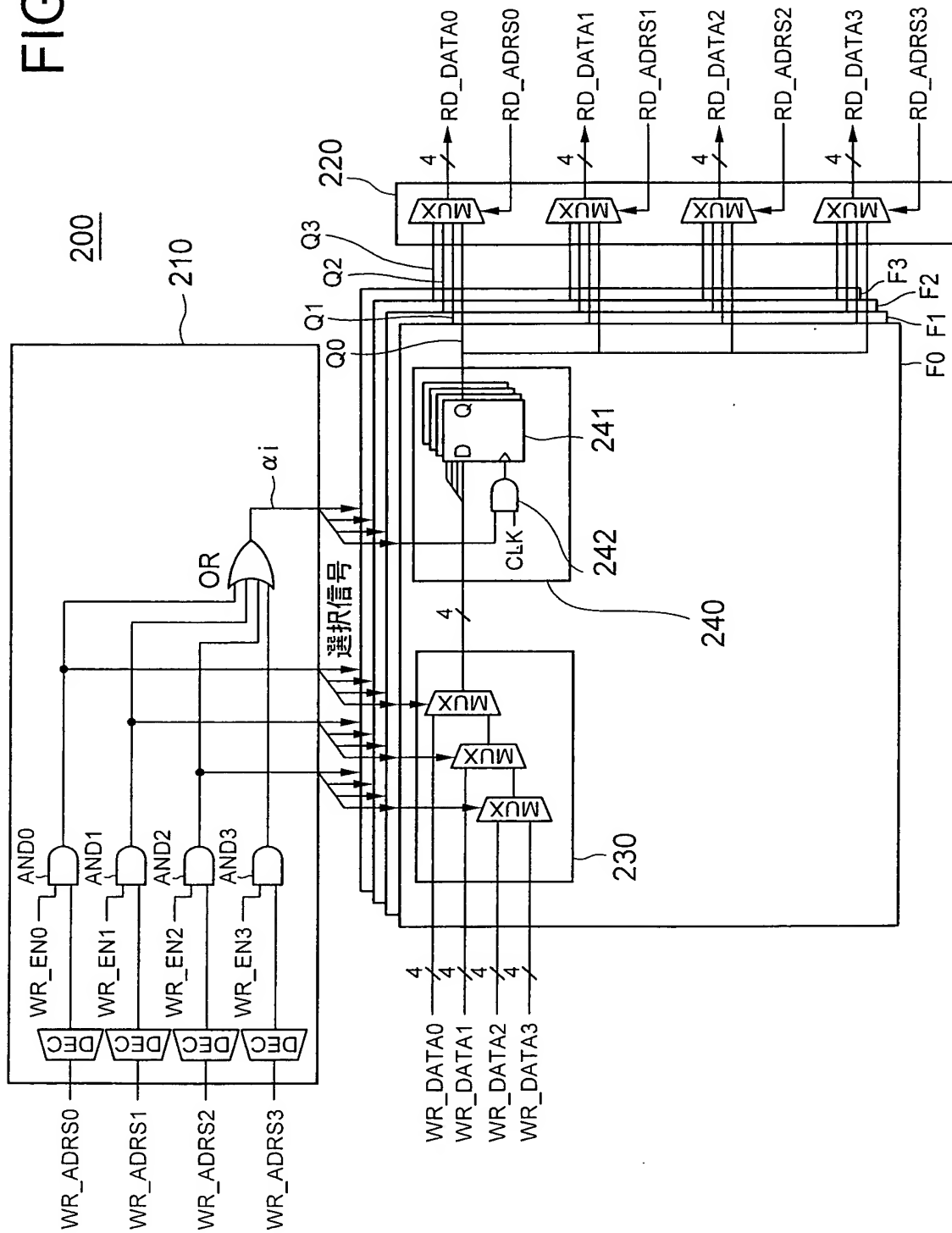


FIG. 6

```
assign Y = Q0 & ~S[1] & ~S[0] |
          Q1 & ~S[1] & S[0] |
          Q2 & S[1] & ~S[0] |
          Q3 & S[1] & S[0] ;
```



FIG. 7





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FIG. 8

case (S)

2'b00:Y = Q0

2'b01:Y = Q1

2'b10:Y = Q2

2'b11:Y = Q3

endcase

FIG. 9

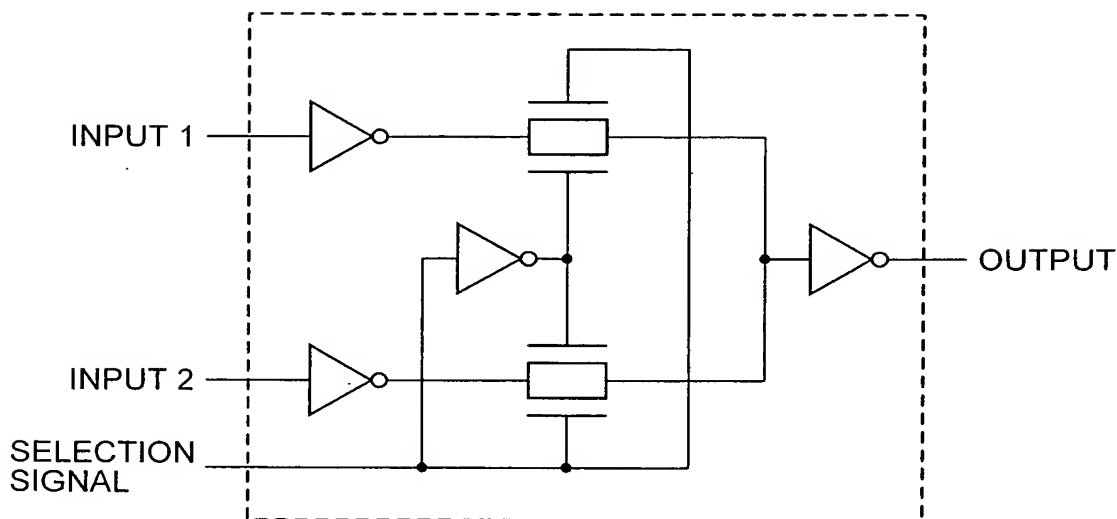
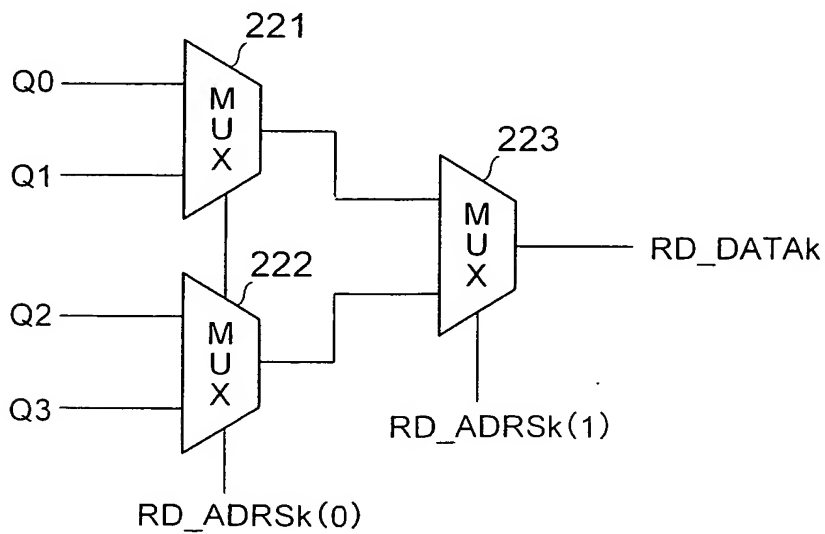


FIG. 10





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FIG. 11

